

Title (en)  
SURFACE-CONDITIONING COMPOSITION, METHOD FOR PRODUCTION THEREOF, AND SURFACE CONDITIONING METHOD

Title (de)  
OBERFLÄCHENKONDITIONIERUNGSZUSAMMENSETZUNG, HERSTELLUNGSVERFAHREN DAFÜR UND OBERFLÄCHENKONDITIONIERUNGSVERFAHREN

Title (fr)  
COMPOSITION DE CONDITIONNEMENT DE SURFACE ET SON PROCÉDÉ DE PRODUCTION, ET PROCÉDÉ DE CONDITIONNEMENT DE SURFACE

Publication  
**EP 1930473 A1 20080611 (EN)**

Application  
**EP 06782806 A 20060817**

Priority  
• JP 2006316193 W 20060817  
• JP 2005239231 A 20050819

Abstract (en)  
Disclosed is a surface-conditioning composition which has an improved surface-conditioning function and, therefore, can improve a chemical conversion property (for example, can form a dense metal phosphate coating film on the surface of a metal material), can form a chemical conversion coating film having a satisfactory coating weight even when applied to a contact area between different metal materials in the simultaneous chemical conversion treatment of the different metal materials or a hardly convertible metal material (e.g., a high tensile strength steel plate), and can improve the productivity rate of the chemical conversion treatment (for example, can improve a chemical conversion property, resulting in the reduction of the time required for the chemical conversion treatment). A surface-conditioning composition which comprises a particle of a phosphate of a bivalent or trivalent metal and has a pH value ranging from 3 to 12. The particle has a D 50 value of 3 µm or less. The composition contains an amine compound having a molecular weight of 1000 or less.

IPC 8 full level  
**C23C 22/78** (2006.01)

CPC (source: EP US)  
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